

Converting Colors

YIQ(113.6930, 64.9170, 29.4690)

Have a look what the booklet for
YIQ(113.6930, 64.9170, 29.4690)
contains.

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Color

**YIQ(113.6930, 64.9170,
29.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	C24D5C
RGB	194, 77, 92
RGB Percent	76%, 30%, 36%
CMY	0.2389, 0.6982, 0.6390
CMYK	0.00, 0.60, 0.53, 0.24
HSL	352°, 49%, 53%
HSV	352°, 60%, 76%
XYZ	26.8519, 17.5537, 12.1126
YIQ	113.6930, 64.9170, 29.4690

Conversions

Conversions Part 2

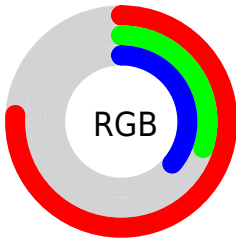
Format	Color
RYB	194, 77, 92
Decimal	12733788
CIELab	48.95, 48.12, 15.80
CIELCh	49, 50.650, 18.171
Yxy	17.5537, 0.4751, 0.3106
Android (android.graphics.Color)	4290923868 (0xFFC24D5C)
YUV	113.6930, -10.6946, 70.4292
Hunter-Lab	41.8972, 41.0807, 12.1872

Details

The YIQ color **113.6930, 64.9170, 29.4690** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **157.3070, -64.9170, -29.4690**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3300, 70.3730, 29.7090**, and **56.7620, 60.4690, 32.9890** is the 20% darker color. If you saturate the color by 10%, you get **100.6020, 75.5990, 34.1190**, and if you desaturate by 10%, it is **126.7840, 54.2350, 24.8190**.

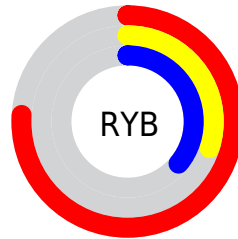
Distribution



Red (76%)

Green (30%)

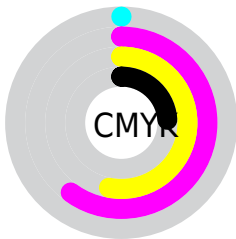
Blue (36%)



Red (76%)

Yellow (30%)

Blue (36%)

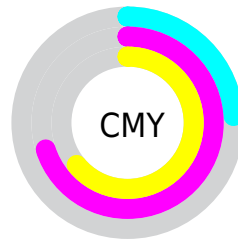


Cyan (0%)

Magenta (60%)

Yellow (53%)

Black (24%)



Cyan (24%)


Magenta (70%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.6930, 64.9170, 29.4690 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 113.6930, 64.9170, 29.4690 by changing the saturation by 10% instead.


 113.6930, 64.9170,
29.4690


 113.6930, 64.9170,
29.4690


255.0000, -0.0000,
-0.0000


 86.2520, 61.8450,
30.0770


 169.3300, 70.3730,
29.7090


 56.2890, 60.4230,
33.8230


 188.2570, 54.2810,
23.9850


 34.6580, 54.8300,
30.5580


 207.7710, 37.9140,
17.7380

 23.6210, 47.0840,
16.7480

 227.9860, 20.9510,
11.2790

 16.0750, 30.9460,
11.8580

 248.2010, 3.9880,
4.8200

 0.2990, 0.5960,
0.2120

 0.0000, 0.0000,

0.0000

■ 113.6930, 64.9170,
29.4690

■ 113.6930, 64.9170,
29.4690

■ 100.6020, 75.5990,
34.1190

■ 126.7840, 54.2350,
24.8190

■ 86.9240, 86.5560,
39.2920

■ 140.4620, 43.2780,
19.6460

■ 73.8330, 97.2380,
43.9420

■ 153.5530, 32.5960,
14.9960

■ 60.8560, 107.5990,
48.9030

■ 167.2310, 21.6390,
9.8230

■ 180.3220, 10.9570,
5.1730

■ 193.2990, 0.5960,
0.2120

■ 206.9770,
-10.3610, -4.9610

■ 220.0680,
-21.0430, -9.6110

■ 233.7460,
-32.0000, -14.7840

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



116.4910, 45.4750, 40.4110



113.6930, 64.9170, 29.4690



113.5780, 65.8380, 7.2620

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



113.6930, 64.9170, 29.4690



101.8190, -17.0490, -37.9530



96.7620, -98.8500, -3.6980

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



113.6930, 64.9170, 29.4690



157.3070, -64.9170, -29.4690

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.0640, -94.3090, -14.4130



113.6930, 64.9170, 29.4690



90.8900, -68.5370, -40.9610

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



113.6930, 64.9170, 29.4690



108.5500, 26.3690, -31.8630



96.6070, -83.2570, -27.4890



113.4320, -44.2940, 20.8100

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



113.6930, 64.9170, 29.4690



113.2590, 58.8260, -8.8380



96.6070, -83.2570, -27.4890



98.0670, -98.3910, -6.5110

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



113.6930, 64.9170, 29.4690



221.1390, 24.8940, 11.4060



120.5370, 22.6390, 57.7990



108.1270, 16.0000, 7.3920



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113.6930, 64.9170, 29.4690



127.7410, 100.4930, 45.5250



137.2240, 57.9070, 2.3150



90.1040, 5.6390, 2.4310



50.5330, 89.2150, 40.6630



10.3230, 18.3840, 8.2400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



113.6930, 64.9170, 29.4690



127.7410, 100.4930, 45.5250



133.7760, -57.9070, -2.3150



90.1040, 5.6390, 2.4310



50.5330, 89.2150, 40.6630



10.3230, 18.3840, 8.2400

Previews

White Background



This preview shows how the YIQ color 113.6930, 64.9170, 29.4690 looks on a white background.

Color Contrast Check

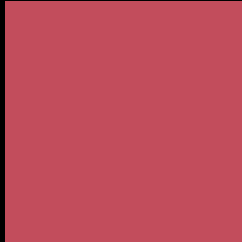
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 113.6930, 64.9170, 29.4690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 113.6930, 64.9170, 29.4690

Background



This preview shows how black text looks on a background with the YIQ color 113.6930, 64.9170, 29.4690.

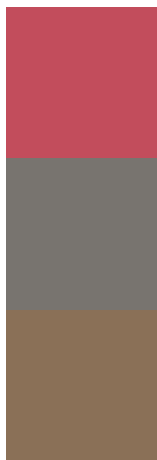


This preview shows how white text looks on a background with the YIQ color 113.6930, 64.9170,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

113.6930, 64.9170, 29.4690

Protanopia

116.6260, 3.9890, -0.7070

Deuteranopia

116.9240, 23.5210, -2.2630



Tritanopia

113.2540, 67.5310, 26.1470

Trichromacy



Original Color

113.6930, 64.9170, 29.4690

Protanomaly

115.6830, 26.1780, 10.1620

Deuteranomaly

115.5010, 38.3740, 9.3980

Tritanomaly

113.5960, 66.5680, 27.0800

Monochromacy



Original Color

113.6930, 64.9170, 29.4690

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1280, 23.4270, 10.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.6930, 64.9170, 29.4690 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 77, 92)` looks like.

```
.text, #text, p{  
    color:rgb(194, 77, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 77, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 77, 92) }
```

Border

The CSS property to change the border of an element to YIQ 113.6930, 64.9170, 29.4690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 77, 92) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(194, 77, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(194, 77, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 77, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 77, 92);  
box-shadow:4px 4px 4px 4px rgb(194, 77,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 113.6930, 64.9170, 29.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 77, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194, 77,  
92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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